

ABSTRACT

An article with a surface that includes undercut grooves depending beneath the surface to a bottom portion, where the grooves have an upper width on the surface and a lower width on the bottom portion connected by side walls, and
5 where at least one of said side walls connects the upper width to the lower width to form an undercut angle with the surface of less than 90°. The article is covered with a coating that contains weak paths for stress relief. The coating fills the undercut grooves and ranges above the surface with a thickness from about 0.1 to 50 mm.